DXpedition News

Montserrat - VP2M Don Daze **KC5AK** and Amy Van Reenan **KC5DJI** will operate **/VP2M** Jan. 30-Feb. 5. They'll be active on all bands 80-10 meters, on CW and SSB. QSL direct to Don at 8706 Winningham Lane, Houston TX 77055, or DX stations may QSL via the W5 bureau (**not** via VP2M bureau.)

Belize - V3 Art Phillips **NN7A/V31JZ** and Mike Sharp **NG7S/V31RL** will operate as V31JZ from South Water Caye (IOTA NA-180) Feb. 13-17. This second operation from this island group will concentrate on CW, with some SSB on the IOTA frequencies of 14260 and 21260 kHz. After the island DXpedition, they will operate as V31RL in the ARRL CW DX contest from the Belize mainland. QSL V31JZ via NN7A and V31RL via NG7S.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Lloyd Colvin W6KG - Silent Key

Lloyd Colvin W6KG passed away on Dec. 14, while on a Yasme DXpedition to Turkey. He had suffered a massive stroke a few days previously. While doctors made arrangements to fly him back to the US, he passed away. Lloyd and Wife Iris W6QL have been DX's most consistent DXpeditioners, operating from nearly 200 different countries over a period of decades. Every Fall they would head out on a six-month trip to 5-10 locations. They would set up their full-power station, complete with tri-band yagi, at a rental home, and operate for several weeks, usually making thousands of contacts, and almost always earning DXCC. An efficient QSLing system run out of Castro Valley, California, meant that DXers would receive their distinctive red-and-while Yasme DXpedition card promptly. Lloyd was a member of CQ's DX Hall of Fame.

Shortly Noted

▪ **C56/SM4TQO** Gunnar will operate from Gambia until the middle of January. Try 14280 or 21224 kHz at 08-1300Z. (DXLoggen.)

▪ **H44/DK7PE** was Rudi, from the Solomons, not from Papua New Guinea. His next stop, set for this week, is **Vanuatu YJ**. Rudi prefers CW.

▪ **4U1/F5RSH** will be active from Western Sahara SØ, for three weeks, during the next three months.

▪ **FM5WC** is Willy F3WC, until early February. (LNDX.)

▪ The recent **5AØA** operation was by a pirate, according to SP6BZ. "No activity 5AØA this year. Alas," he writes.

▪ **JW5EBA** is Lars LA5EBA, beginning in mid-January, for a period of six months. He'll operate from the weather station on Hopen Island, which counts as Svalbard (EU-026) for DXCC and IOTA. (DXMB.)

▪ **Vanity Callsigns?** A news release from the FCC says: "The Commission has proposed to allow amateur radio operators to choose their own call signs. In light of this decision, the Commission by separate action vacated the rule provisions that established private entity call sign administrators and reinstated the prior rules." More details as they become available.

▪ Look for special-event stations from Norway next month, celebrating the 17th Winter Olympics. Among these should be **LI1ØWG** from Lillehammer, **LI2ØWG** from Hamar, **LI3ØWG** from Gjovik, and **LI4ØWG** from Gudbrandsdalen.

▪ **FR5ZQ/T** is scheduled to make one of his periodic trips to Tromelin in January, and to Glorioso in the summer.

▪ **XT2BW** Peter leaves Burkino Faso at the end of January. He then goes to **Ghana 9G** for three months, and will apply for a license and try to make some contacts from there.

▪ **9A/OH6XY** and **4N4/OH6XY** are the callsigns of Carl Heinz Ikaheimo, the leader of RadioTeam Finland. He is working for the United Nations in its refugee program in ex-Yugoslavia, until November, 1994. He has also been active as **ZA/OH6XY, ZA2A,** and **T9/OH6XY** in the Balkans, and **PJ2/OH6XY** and **PJ9Y** from Curacao. QSL all these operations via Jukka OH3GZ.

▪ **RTTY: 9K2IC** 14083 1400Z; **HKØDPA** 14090 2250Z; **CN8NP** 14083 1330Z; **YI1BGD** 14085 1710Z; **S92ZM** 14083 1715Z; **CN8NP** 14083 1750Z; **7Q7JL** 14069 1850Z; **5Z4FM** 14069 1900Z; **TY1PS** 14083 1600Z; **J28JJ** 14090 1640Z; **YI1HS** 14083 0920Z; **3A2LZ** 14084 1100Z; **VQ9TV** 14083 1425Z.

▪ **SSB Net** check-ins: **14227** kHz: (11, 21Z) S21ZG VP8CKN (Falklands) ZS2ACP FO4OK 4S7DA 5X1F 5N8LRG FY5GJ; **14247:** (23Z) D44AC VP8COT (Falklands); **21355:** (18Z) C91AF 7Q7DU.

▪ **Islands On The Air: XE1/NE8Z** Dr. Rick Dorsch will operate from Mexico Feb. 9-21, including the ARRL CW DX contest. During that time he will active a **New One** for IOTA. More details next mont. QSL via K8LJG.

Propagation

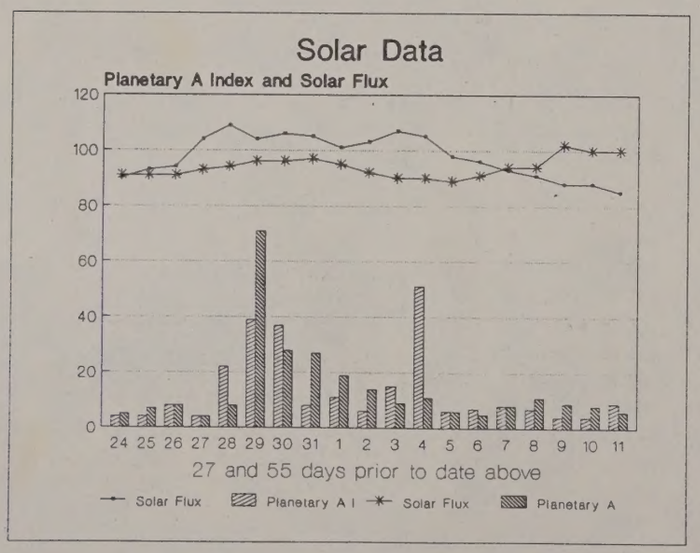
Forecast and Historical Data

Day Forecast	27 Days Before				55 Days Before			
December 1993	Date	Flux	A	K	Date	Flux	A	K
24 High Normal	11/27	90	02/04	1	10/30	91	02/05	0
25 High Normal	11/28	93	02/04	1	10/31	91	04/07	1
26 High Normal	11/29	94	08/08	2	11/1	91	07/08	2
27 Above Normal	11/30	104	02/04	1	11/2	93	03/04	1
28 Low Normal	12/1	109	15/22	3	11/3	94	08/08	2
29 Disturbed	12/2	104	32/39	4	11/4	96	40/71	4
30 Disturbed	12/3	106	27/37	2	11/5	96	20/28	2
31 High Normal	12/4	105	04/08	2	11/6	97	21/27	2
January, 1994								
1 High Normal	12/5	101	07/11	3	11/7	95	18/19	3
2 High Normal	12/6	103	04/06	1	11/8	92	14/14	3
3 High Normal	12/7	107	16/15	3	11/9	90	08/09	1
4 Disturbed	12/8	105	38/51	3	11/10	90	09/11	2
5 High Normal	12/9	98	00/06	0	11/11	89	04/06	1
6 High Normal	12/10	96	05/07	0	11/12	91	04/05	1
7 High Normal	12/11	93	05/08	0	11/13	94	07/08	2
8 High Normal	12/12	91	05/07	0	11/14	94	09/11	2
9 Above Normal	12/13	88	02/04	0	11/15	102	08/09	2

Propagation Watch

Solar activity dropped dramatically in mid-December, with solar flux falling to 84. This is a considerable drop from the 100+ levels of the last solar revolution, and even from the 90+ levels the month before that. (Remember the a sunspot count of zero is equivalent to a solar flux of about 65.) This low level of solar activity, combined with the seasonally short days (in the northern hemisphere) has put a crimp in high-band propagation. However, when the geomagnetic field is quiet, low-band openings have been the best in years. On December 15, for example, very low solar activity (flux near 85) and an extremely quiet geomagnetic field (K index was zero for most of the previous day) combined for an excellent 160-meter opening. 80 and 40 meters were also good places to find long-haul DX.

The SESC's solar activity forecast for 1994 is for steady conditions, and maybe even a slight rebound to higher levels. Their regression model says that solar flux will hover in the 110-120 range throughout the year, before Sunspot Cycle 22 resumes its decline toward a 1996-97 minimum. This suggests 1994 propagation will be similar to that during the second half of 1993. Good hunting!



DXer's Night Before Christmas

by Barry Blanton WC5N

Twas the night before Christmas, and all through the shack,
not a station was stirring, so I went for a snack.
QSLs hung on the wall with care,
in hopes more of the same soon would be there.
The children were nestled all snug in their beds,
but visions of DX danced in my head.
With wife in her flannel in bed all alone,
I sat by the rig and listened on phone.
When way down the band there arose such a clatter,
I spun on the knob to see what was the matter.
Away down the band like a flash I flew,
with the only hope it would be something new.
When what to my wondering ears should I hear,
but a rather large pile-up so loud and so clear.
The little old op with so quick a tongue,
I thought for a moment—could this be Big Gun?
More rapid than eagles DXers they came,
with cat calls and shouting they all were called names:
You jerk! You lid! I heard the cop say,
Make room! QSY! Get out of the way!
Don't you know who's on the band?
You must be an idiot, or don't understand.
It might be Big Gun, if he'd just give his call.
I sure wish he'd I.D. we're all climbing the wall.
Who is this nut? I heard someone scream.
Is it really Big Gun or is this just a dream?
As dry leaves in a hurricane, all directions they blow,
but not one DXer was in on the know.
And then in a twinkling I heard him I.D.
It was Big Gun, it was indeed!
He was dressed all in fur he paused and he told.
From his QTH it was dark and was cold.
A bundle of cards he had thrown in his pack,
and would QSL when he got back.
His voice was so pleasant, his mood was so merry,
but his pile-up was thick and definitely hairy.
I can picture him now, his mouth in a bow-
him freezing to death in the ice and the snow.
I see a pipe all clenched in his teeth,
and the smoke encircles his head like a wreath.
A wreath he might need for little does he know,
his boat is late and his food's running low.
But I appreciate his effort as should we all.
He's risking his life to take down our calls.
We often forget what good deeds he's done.
Not all expeditions are vacation and fun.
He stopped all his speaking and went back to work.
He did what he could despite all the jerks.
The pile-up raged on through thick and through thin,
but with my amp and my skill I knew I would win.
When I finally broke through, by the tone of his voice,
to stay and to fight, I'd made the right choice.
I listened a while as the pile-up grew less.
The op he grew tired and stopped to rest.
As he stepped from the rig, he said where he'd be next,
the 73s to all and to all good DX.

Important Notice

This is the last Issue of 1993. The next Issue, #720, will be dated Jan. 7, 1994, and mailed after the first of the year. There will not be an Issue next week. The DX Bulletin is published 50 times a year. Happy Holidays, and good DX in the New Year!

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

RTTY

HKØDPA	14087	1940	11	CA
J88BS	14083	1902	12	ID
PY7AJF	14085	0025	14	CA

160 Meters

4K1F	1833	0236	15	NH
EA8PP	1833	0623	15	VT
FM5BH	1982	0606	15	DE
JA1HQT	1910	1149	15	CT
JA3ONB	1909	1155	15	CT
JA7OEM	1910	1218	15	CT
KH6CC	1834	0524	15	DE
PAØHIP	1830	0254	15	CT
VK6HD	1832	1153	11	MA

80 Meters

3B8CF *	3505	1507	13	CA
4N1Z	3508	0405	5	SC
7X4AN	3508	2135	8	NH
9A2OS	3509	0451	7	SC
9K2MU	3512	2300	9	NH
9M8FC	3527	1554	11	ID
A22MN	3505	2200	13	NH
CO2VG	3507	0551	8	MA
EVØA	3510	2205	7	NH
FP1DX	3509	0420	7	SC
HB9ATA	3504	0520	9	KS
HK7/ SM5HV	3508	1045	12	NH
HP1AC	3507	1150	14	NH
HR1LW	3505	1110	11	NH
JA1HQT	3505	1025	9	NH
JA7BXS	3509	1200	12	NH
JA7SN	3506	1205	12	NH
JD1YAA	3510	1504	12	CA
JR5JAQ	3507	1140	12	NH
JT1CS	3508	1237	10	CA
KH6AK	3512	1000	13	NH
LA3FHH	3504	2340	13	NH
LU8DZJ	3502	0629	3	UT
OA4CWR	3506	1020	9	NH
OH8PJ	3501	1111	14	NH
OK1HCH	3507	0144	17	FL
OX3XA	3502	1015	14	NH
RAØFA	3507	1135	9	NH
RA1ZA	3506	1030	13	NH
TF3LB	3505	1045	13	NH
TR8XX	3508	2230	10	NH
UAØFM	3506	1055	10	NH
UAØFZ	3506	1035	9	NH
UN5J *	3501	1147	7	MA
UZ2FWA	3506	1437	17	MT
VK6LW	3501	1125	11	NH
ZL1AMO	3506	1040	13	NH
ZS6NW	3501	0300	11	CA

75 Meters

8R1AK	3791	0517	12	CA
9G1MR	3789	2220	11	MA
9K2MU	3789	2225	11	MA
9M8DB	3789	1456	7	CA
9V1XQ *	3789	2158	12	MA
A45ZZ *	3789	1425	8	CA
A92BE	3800	2016	13	VA
EA6MQ	3792	0530	12	MN
EA8PP	3792	0529	12	MN
EI6S	3791	0734	4	CA
F6GSM	3795	0547	12	MN
HB9ADD	3798	0547	13	MN
HZ1AB *	3789	1415	8	CA
JA7OEM	3797	1250	12	MN
JG1TPT	3797	1217	13	MN
LA6WEA *	3799	1411	11	CA
LZ1KOZ	3798	0548	13	MN
OA4CRK	3795	0510	5	VA
OK1ACB	3797	0605	13	MN
P29VH	3799	1404	13	CA
S21ZG *	3789	1417	8	CA
S52CD	3795	0318	6	VA
UA9MA *	3786	1456	13	CA
UN7VV *	3799	1447	11	CA
VK6LK	3798	2115	11	MA
YS1EJ	3795	0233	12	CA
YTØT	3799	0534	12	MN

40 Meters

3B8CF	7006	1408	13	MT
4K2BY	7000	0143	15	FL
4K2MAL	7009	0236	13	ID
4X/S59PR	7001	1434	5	CA
5W1GC	7014	1424	5	CA
9H1EL	7006	2255	14	WV
A22MN	7006	0424	5	SC
BV7FC	7029	1445	10	ID
CN8ACM	7006	0543	7	MA
DJ6RX *	7009	1431	5	CA
ER5GB	7006	2339	13	FL
FK8GJ	7004	1313	13	MA
FR5DN	7008	1403	17	MT
FS4PL	7011	0140	17	FL
FY5GJ	7010	0325	9	AZ
HC5AI	7009	0120	16	FL
HR1B	7002	0516	13	MA
HSØ/ G3NOM	7003	1549	11	ID
JA1HQT	3505	1040	7	NH
JD1BIE	7008	1524	12	ID
JD1YAA	7005	1442	13	MT
KG4DX	7003	0150	9	CA
LX2KQ	7019	0117	12	FL
OM3NA *	7007	1529	12	CA
ON4UN *	7004	1444	5	CA
PJ2JW	7025	2348	13	FL
PZ1AP	7003	0119	16	FL
SV1AKX	7006	0114	16	FL
TA2DS	7006	0142	17	FL
UB5IBM *	7004	1458	5	CA
UD6DFT	7002	2305	9	ID
UM7/ * UA3TT	7003	1316	12	IL
V73C	7026	1145	12	MA
YN/ SMØOIG	7004	0142	17	FL
Z21HS	7005	0353	13	CO
ZA1J	7003	0136	12	FL
ZS1AAX	7008	0426	5	SC

30 Meters

H44/ DK7PE	10106	1607	17	MT
RA1ZA	10104	0050	14	OR
ZS6QU	10106	1444	16	MT

20 Meter CW

4K2MAL	14016	2038	13	ID
5X1B	14028	1619	10	ID
9K2MU	14022	1420	8	MI
9M2AX	14026	0035	9	CA
9X5HG	14040	1959	13	VA
9X5HG *	14027	1530	10	CO
BV7FC	14018	0000	9	KS
CM2PL	14024	1445	15	AZ
FR5BT	14020	1734	4	UT
FY5YE	14003	2025	10	MI
GUØFYR	14014	1243	9	MI
HSØ/ JA5TNF	14021	1316	12	FL
HSØ/ G3NOM	14025	0030	9	KS
OA4CWR	14007	1321	18	FL
PZ1AP	14026	0101	10	GA
PZ1DY	14026	0101	10	GA
RVØAC	14014	1300	5	FL
S21ZG *	14006	0045	10	CA
S92SS	14007	2055	8	SC
SU2MT *	14025	1551	18	FL
TG9AQ	14024	2303	7	MO
TR8XX	14015	2014	10	MI
UAØQFC	14021	2010	7	MI
UD5ØØGF	14019	1315	18	FL
VQ9WZ *	14023	0050	8	CA
VS6BG	14003	2358	9	MI
VU2LX *	14029	1337	18	FL
VU2PCD *	14010	1327	12	IL
ZD8M	14024	2345	7	CA
ZS6BG	14003	2323	9	ID

20 Meter SSB

4S7DA *	14191	0110	8	CA
4S7EA *	14205	0135	9	CA
4Z5PB *	14174	1509	9	CA
5T5SV	14212	2304	5	CO
5X1F	14247	2045	10	SC
5Z4FM	14226	1423	12	IL
7X2DG	14183	1138	8	AZ
A61AD	14226	1520	7	OH
FO5BW	14183	0320	9	CA
FR5DX *	14188	0320	9	CA
KC4AAA	14255	0245	10	KS
KC4USB	14205	0233	9	CA
KG4CB	14198	0130	8	CA
LZ1KOZ *	14175	1504	9	CA
SØ1MZ	14202	2025	2	OH
S83H	14197	1926	13	VA
TU4JL	14196	0022	8	CO
V51BLX	14247	2056	10	SC
VU2DVP *	14185	0120	10	CA
XQ8ABF	14205	0255	9	CA
XT2BW	14213	2122	12	CA
ZA1B	14195	1619	12	IL
ZC4KS	14226	1314	6	SC
ZK1AT	14226	1620	9	CA

17 Meter CW

3V8AS	18071	1327	8	SC
EA6ZY	18072	1635	14	ID
S92SS	18088	1739	14	ID
TF3LB	18071	1627	14	ID

17 Meter SSB

RB5LR	18114	1322	9	MA
S92SS	18112	2205	14	CA

15 Meter CW

3B8FG	21020	1327	10	MA
5X1B	21023	1159	10	SC
CT5YH	21039	1441	14	AZ
EA8AT	21028	1305	10	GA
EA8TB	21030	1804	14	ID
HV3SJ	21012	1530	4	MO
ZS6ME	21011	1630	13	ID
ZS9A	21087	1641	4	ID

15 Meter SSB

5R8DG	21355	1850	5	VA
7X2LS	21292	1339	10	MA
A22EX	21293	1250	12	MA
C91BH	21240	1836	13	VA
SV/WY3V	21315	1344	8	MA
T94ON	21252	1319	7	MA
V51GB	21245	2205	10	CO
ZS6Q	21275	1632	7	CA

12 Meter CW

VS6BG	24893	0044	7	CA
ZD8M	24900	1710	13	ID

12 Meter SSB

HKØTCN	24945	1624	5	CA

10 Meter CW

9A2OB	28040	1431	12	FL
C91J	28013	1600	11	KS
EA9AI	28010	1514	11	MD
HT1T	28040	2324	13	OR
LU8DZJ	28019	1809	4	UT
OM3EA	28017	1410	12	FL
ZD8VJ	28040	2024	12	FL

10 Meter SSB

C91J	28470	1845	7	CA
FR5DX	28460	1631	11	MD
JJ3YBB	28480	2355	13	OR
ZL1ANJ	28432	2243	12	MD

Issue 719 - December 24, 1993

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Aruba	P4/	W1EKT	Jan. 10-17	I717
	P4ØU	W8s	Jan. 25-Feb. 2	I718
Bahamas	**C6**	**C6AGN**	**Dec. 5-Feb 23**	**I715**
Bangladesh	**S2**	**S21ZX?**	**Dec. 26-Jan. 11**	**I716**
Belau	**KC6**	**KC6YK**	**Dec. 20-Jan. 2**	**I718**
Belize	**V3**	**V31JZ/RL**	**Feb. 13-21**	**I719**
Dodecanese	SV5	SV5TS	21252 15-16Z	I716
Gambia	**C56/**	**SM4TQO**	**to mid-Jan.**	**I719**
Ghana	9G	9G1JI	Nov. 8+	I711
		by XT2BW	**Feb.-Apr.**	**I719**
Guinea	3X	3XØDEX	18123 08Z Sun.	I718
Maldives	**8Q**	**8Q7BX**	**Dec. 27-Jan. 6**	**I716**
Martinique	**FM**	**FM5WC**	**to early Feb.**	**I719**
Midway Island	**KH4/**	**N7TNL**	**Oct. 21+**	**I708**
Montserrat	VP2MFA		Jan. 14-27	I718
	KC5AK, KC5DJI/VP2M		**Jan. 30-Feb. 5**	**I719**
Nauru	**C21/**	**AHØF**	**Dec. 29-Jan. 3**	**I717**
Nepal	**9N**	**UT4UZ+**	**Dec. 11+?**	**I714/6**
Niue	**ZK2**	**ZK2XJ**	**Dec. 24-30**	**I715**
Papua New Guinea		**P29VCW**	**soon**	**I718**
Peter I Island	3Y		Feb. 1-17	I685
Pitcairn Island	VR6	VR6ID 21290	1600Z Mon.	I716
Pratas Island	BV	BV9P	Dec. 25 ?	I716/7
Revillagigedo	**XF4**	**XF4CI**	**Dec. 18-31**	**I717**
Rodriguez Island	3B	3B9FR	new bands	I711
Rotuma	3D	3D2AG	now active	I717
Somalia	T5/	N3HQW	Weds. and Suns.	I716
South Cook Islands		**ZK1AJM**	**Dec. 31-Jan. 2**	**I715**
Svalbard	**JW**	**JW5EBA**	**Jan.-Jun.**	**I719**
Thailand	HS	HSØZAR	Jan. 15-Feb. 15	I715
Tonga	**A3**	**TBA**	**Dec.-Jan.**	**I712**
Tromelin	**FR/T**	**FR5ZQ/T**	**Jan.**	**I719**
Vanuatu	**YJ**	**by DK7PE**	**now**	**I719**
Western Sahara	**SØ**	**4U1/F5RSH**	**soon**	**I719**
Western Samoa	**5W**	**5W1AS**	**Jan. 2-5**	**I715**
Western Sahara	SØ	SØRASD 21258	1730-1830Z	I718
		SØ1MZ	14202 1930Z	I718
Zone 29		VK6LK	3795± 22Z	I716

Operating Events and DX Gatherings

Dates	Event	Reference:
Jan. 8-9	ARRL RTTY Roundup	QST
Jan. 15-16	HA-DX CW Contest	QST
Jan. 28-30	CQWW 160-Meter CW Contest	CQ
Feb. 12-13	EAWW RTTY	RTTY Journal
April 15-17	Visalia International DX Convention	I716

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Sri Lanka	4S7DA	14200±	0115Z
South Shetlands	4K1F	1833	0235Z
80 Meters	JA1HQT	3505	1030Z+
80 Meters	KH6AT	3510±	1000Z
80 Meters	RA1ZA	3506	1030Z
Asiatic Russia	UAØFM	3508±	1100Z
Zone 29	VK9LW	3502±	1130Z
Franz Josef Land	4K2BY	7000	0145Z
Taiwan	BV7FC	40M CW	1445Z
Guantanamo Bay	KG4DX	7004±	0200Z
Greece	SV1AKX	7006	0115Z
Azerbaijan	UD6DFT	7003	2300Z
Reunion Island	FR5BT	20M CW	1730Z
Egypt	SU2MT	15025	1600Z Sun.

The DX Bulletin

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QSLs Received

- From managers: **5R8DG** (F6FNU, 3 WKS); **C53HG** (W3HNK, 1 WK!); **C53HG** (W3HCW, 1 WK); **EL2PP** (N2CYL, 2 WKS); **EV5WZ** (DL5BAC, 3 MOS); **FK8GM** (WB2RAJ, 7 WKS); **T5/N3HQW** (WD4NGB, 3 WKS); **TU4SR** (OH8SR, 10 MOS); **VR6BB** (JF2KOZ, 6 MOS); **WB2P/KHØ** (WB2P, 3 WKS); **YS1X** (W3HNK, 1 WK).
- Direct: **3DAØBK** (1 MO); **CN8GI** (6 MOS); **LU4FM** (1 MO); **SU2MT** (5 WKS); **ZC4ZZ** (5 WKS); **ZS9A** (1 MO).

Contributors

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